

**DECLARATION AND POWER OF ATTORNEY
FOR ORIGINAL U.S. PATENT APPLICATION**

Attorney's Docket No. 02-6352/LS11P220

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **CALCIUM DOPED POLYSILICON GATE ELECTRODES** the specification of which,

(check one) 1. is attached hereto.

2. was filed on _____ as
U.S. Application No. _____
and was amended on _____.

3. was filed on _____ as
International PCT Application No. _____
and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, CFR, § 1.56.

Prior Foreign Application(s)

I hereby claim foreign priority benefits under Title 35, United States code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Priority Benefits Claimed?
Yes No _____

(Application No.) (Country) (Filing Date)

(Filing Date)

Yes No

(Application No.)

(Country)

(Filing Date)

Provisional Application(s)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below:

(Application No.) _____ (Filing Date) _____

(Application No.) _____ (Filing Date) _____

Prior U.S. Application(s)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

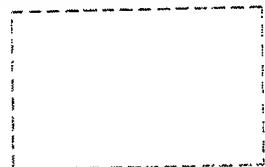
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)

Power of Attorney

And I hereby appoint the law firm of **Beyer Weaver & Thomas, LLP** and all practitioners who are associated with the Customer Number 022434 as my principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Direct Correspondence To:

Customer Number: 024319



Direct Telephone Calls To:

Timothy Croll at telephone number (408) 954-4923

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Typewritten Full Name of

Sole or First Inventor: Mohammad R. Mirabedini

Citizenship: Iran

Inventor's signature: Mohammad R. Mirabedini

Date of Signature: 4/17/03

Residence: (City) Redwood City

(State/Country) California/USA

Post Office Address: 884 Boardwalk Place, Redwood City, California 94065

Second Inventor: Grace S. Sun

Citizenship: Indonesia

Inventor's signature: _____

Date of Signature: _____

Residence: (City) Sunnyvale

(State/Country) California/USA

Post Office Address: 555 E Washington Avenue, #707, Sunnyvale, California 94087

Third Inventor: Sheldon Aronowitz Citizenship: United States of America
Inventor's signature: _____ Date of Signature: _____
Residence: (City) San Jose (State/Country) California/USA
Post Office Address: 3577 Barley Court, San Jose, California 95127-4401

DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No. 02-6352/LSIIP220

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CALCIUM DOPED POLYSILICON GATE ELECTRODES the specification of which,

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2. was filed on _____ as
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Priority Benefits Claimed?
Yes ____ No ____

(Application No.)	(Country)	(Filing Date)	Yes ____ No ____
_____	_____	_____	Yes ____ No ____
_____	_____	_____	Yes ____ No ____

Provisional Application(s)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below:

(Application No.)	(Filing Date)
_____	_____
_____	_____

Prior U.S. Application(s)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)

Power of Attorney

And I hereby appoint the law firm of **Beyer Weaver & Thomas, LLP** and all practitioners who are associated with the Customer Number 022434 as my principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Direct Correspondence To:**Customer Number: 024319****Direct Telephone Calls To:****Timothy Croll at telephone number (408) 954-4923**

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Typewritten Full Name of Sole or First Inventor: Mohammad R. Mirabedini Citizenship: Iran

Inventor's signature: _____ Date of Signature: _____

Residence: (City) Redwood City (State/Country) California/USA

Post Office Address: 884 Boardwalk Place, Redwood City, California 94065

Second Inventor: Grace S. Sun Citizenship: Indonesia

Inventor's signature: Grace S. Date of Signature: 5/15/03

Residence: (City) Sunnyvale (State/Country) California/USA

Post Office Address: 555 E Washington Avenue, #707, Sunnyvale, California 94087

Third Inventor: Sheldon Aronowitz Citizenship: United States of America
Inventor's signature: _____ Date of Signature: _____
Residence: (City) San Jose (State/Country) California/USA
Post Office Address: 3577 Barley Court, San Jose, California 95127-4401

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Mirabedini et al.

Attorney Docket No.:
02-6352/LSI1P220

Application No.: Not yet assigned

Examiner: Not yet assigned

Filed: Herewith

Group: Not yet assigned

Title: CALCIUM DOPED POLYSILICON GATE
ELECTRODES

**DECLARATION OF FACTS IN SUPPORT OF APPLYING ON BEHALF OF OMITTED
INVENTORS**

Pursuant to 37 C.F.R. §1.47 (a)

Mail Stop Patent Application
Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This declaration is made as to the facts that are relied upon to establish the diligent effort made to secure the execution of the Declaration for the above-identified patent application by the omitted inventor, Sheldon Aronowitz. This declaration is being made by an available person having first-hand knowledge of the facts recited therein.

I, James E. Austin, do hereby declare:

1. I am a patent attorney who prepared the above referenced application. The application names three inventors, Mohammad R. Mirabedini, Grace S. Sun and Sheldon Aronowitz, all of whom were employed by LSI Logic Corporation ("LSI") at the time the invention of the subject application was made. During the course of the preparation of the subject application, the employment of Sheldon Aronowitz with LSI terminated.
2. During substantially the same period, our law firm, Beyer Weaver & Thomas, LLP, was engaged in the preparation of three other patent applications for LSI on which Mr. Aronowitz was named as a co-inventor.